

FORM PTO-1449
REV. 7-801U.S. DEPARTMENT OF COMMERCE
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ATTY. DOCKET NO.

3220-18158

SERIAL NO.

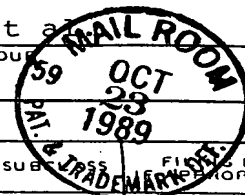
07/258,142

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT
Richard B. Borgens et al.FILING DATE
Oct. 14, 1988

GROUP



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE APPROPRIATE
M	AA	4,774,967	10/1988	Zanakis et al.	128	785	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

M	AR	I	McCaig, Colin D., "Spinal Neurite Reabsorption and Regrowth <u>in vitro</u> Depent on the Polarity of an Applied Electric Field," <u>Development</u> , 100, 31 ¹⁴ 41 (1987).
M	AS	I L	Borgens, Richard B., A. Blight, D. Murphy (&) L. Stewart, "Transected Dorsal Column Axons Within the Guinea Pig Spinal Cord Regenerate in the Presence of an Applied Electric Field," <u>Journal of Comparative Neurology</u> , 250:168 ¹⁴ 180 (1966).
M	AT	I	Borgens, Richard B., A. Blight and M. McGinnis, "Behavioral Recovery Induced by Applied Electric Fields After Spinal Cord Hemisection in Guinea Pig," <u>Science</u> , 238:366-369 (October 16, 1987).

EXAMINER

Mammul

DATE CONSIDERED

12/10/89

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXAMINER INITIAL	AU	Wallace, M. Christopher, C. Tator and I. Piper, "Recovery of Spinal Cord Function Induced by Direct Current Stimulation of the Injured Rat Spinal Cord," <u>Neurosurgery</u> , Vol. 20, No. 6, Part 1 (1987).
W	I	
	AV	Politis, Michael J. and Michael F. Zanakis, "Short Term Efficacy of Applied Electric Fields in the Repair of the Damaged Rodent Spinal Cord: Behavioral and Morphological Results,"
W		
	AW	M. F. Zanakis and M. J. Politis, "Partial Recovery From Spinal Cord Injury Following Application of D.C. Electric Fields in the Rat," (abstract)
W	AX	M. F. Zanakis and M. J. Politis, "Short Term Behavioral and Histological Changes in the Damaged Rat Spinal Cord Following Application of D.C. Electric Fields," (abstract).
W	AY	M. Khan, M. J. Politis and D. Munoz-Garcia, "The Effect of Localized Oriented Electric Fields on Regenerative Changes in Double Hemisectioned Spinal Cord of Rats," Canadian Congress of Neurological Sciences, June 25-27, 1987. (abstract)
W	AZ	Berry, M., "Regeneration in the Central Nervous System," Recent Advances in Neuropathology, Ch. 4 (1st ed. 1979) (Editors: W. T. Smith and V. B. Cavanaugh).
	L	
W	BA	Kiernan, J., "Hypotheses Concerned with Axonal Regeneration in the Mammalian Nervous System," Biol. Rev., 54:155-197 (1979).
W	BB	Borgens, Richard E. and Michael E. McGinnis, "Artificially Controlling Axonal Regeneration and Development by Applied Electric Fields," Chapter 4, <u>Electric Fields in Vertebrate Repair</u> (1989)
	I	
W	BC	"Final Thrusts Prepared in RES," <u>Spinal Cord Society Newsletter</u> , pp. 3-4 (June, 1987)
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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